

ABSTRACT

An RJ 11 port is disclosed that detects the device to which it is connected and automatically reconfigures itself as end user equipment or network interface equipment.

1. A network interface device comprising:
a. a network interface port;
b. a detection circuit coupled to the network interface port, the detection circuit configured to detect a device connected to the network interface port;
c. a control circuit coupled to the detection circuit, the control circuit configured to control the network interface port to reconfigure itself as end user equipment or network interface equipment based on the device connected to the network interface port.